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**Indoor Air Quality & Energy Efficiency Experts**

## Warm Climate Solutions For Your Business

Insulating your business against losses doesn't have to be difficult. ZipFoam offers a one-stop solution to a variety of problems that commonly plague commercial, industrial and agricultural businesses located in warm climates: high energy costs, sick building syndrome, moisture problems, inventory losses due to mold & mildew, structure & mechanicals failure (overload) as well as expensive, short lived fixes. In addition, ZipFoam offers additional value-added benefits.

**ELIMINATE HIGH ENERGY COSTS:** According to Florida Solar Energy Center ([www.fsec.ucf.edu.com](http://www.fsec.ucf.edu.com)), air leakage has a greater impact than R-value on the performance of a building. ZipFoam is not just an insulation solution – it's an air sealing solution as well. In comparison to traditional insulating methods, ZipFoam has all of the benefits and more, with none of the limitations or problems.

A semi-rigid spray foam solution, ZipFoam is quick and easy to install and offers a permanent solution, even for steel framed buildings. ZipFoam reduces maintenance costs by reducing moisture problems thereby extending the life of your building and mechanicals. This improvement in performance can dramatically lower the sizing and operating costs of heating and cooling equipment.

### **HOW DOES ZIPFOAM ADDRESS SICK BUILDING SYNDROME?**

ZipFoam air seals the building envelope against wind and airborne moisture. It creates a comfortable, draft- and condensation-free environment in a single application. By sealing out dust, allergens, odors and other pollutants, ZipFoam allows your air management system to do its job so that the indoor air quality is healthier than outside air. ZipFoam does not emit gases or odors and offers no support to bacteria, fungus, insects or vermin. An environment insulated with ZipFoam is a much healthier haven for those suffering from respiratory problems (such as asthma), allergy sufferers and persons with chemical sensitivities.

### **CAN ZIPFOAM ELIMINATE MOISTURE PROBLEMS?**

Yes. Because air leakage is the culprit, the only way to eliminate moisture problems is to air seal the building envelope. By eliminating air movement through walls, floors and ceilings, moisture laden air cannot pass through and affect the indoor environment thus allowing you to control humidity levels to within the 45% to 50% range; a level at which molds, mildew, dust mites and many allergens cannot be sustained. Moisture and temperature sensitivity related inventory losses will be dramatically reduced.

### **DOES ZIPFOAM HAVE LIMITED USES?**

No. The ZipFoam solution can be applied to new or existing (retrofit) construction, and will adhere to virtually any surface. It allows for architectural freedom and eliminates the insulating and air-sealing woes of metal construction. With ZipFoam, your new or retrofit building is permanently protected, sealed off from wind, pollutants and airborne sound, and resistant to moisture-related (condensation) problems.

### **WHAT ARE SOME OF THE VALUE-ADDED BENEFITS?**

**Sound and odor control:** On its own, ZipFoam is not intended to be a sound proofing solution, but it is an effective barrier to airborne sounds and thereby offers sound proofing properties. Its superior fit reduces airborne sound transfer through roof, floor and walls which means it does double duty and becomes part of a cost-effective sound proofing solution. Outside noises such as air, road and rail traffic are significantly less noticeable. Inside, there are far fewer complaints about plumbing and neighbor noise. As well, the elimination of air movement through common walls in multi-dwelling units eliminates cooking odor migration.

### **WHAT IS ZIPFOAM?**

ZipFoam is an American-made spray foam insulation solution that is environmentally safe. It allows foam to be sprayed without formaldehyde or ozone destroying gases (HCFCs or HFAs). The result is a semi-rigid foam that is soft to the touch, non-toxic and permanent because it will never shrink, sag, or settle. It's the ideal solution for metal buildings due to its non-corrosive and adherence properties.

### **HOW QUICKLY AND EASILY CAN ZIPFOAM BE INSTALLED?**

ZipFoam is a scheduling solution too! ZipFoam is sprayed or injected on site by trained installers, independent of other trades. Installation is not delayed by weather conditions. ZipFoam expands to fill every crevice, and cures in less than one minute and may be covered immediately thereafter. Excess material is easily trimmed.

### **IS ZIPFOAM EXPENSIVE?**

No. Like any real solution, ZipFoam more than pays for itself. In addition to insulating, ZipFoam offers many more benefits and value. Most importantly however, ZipFoam eliminates the headaches associated with most other types of insulating techniques. Best of all, ZipFoam is American made and installed by Indoor Air Quality and Energy Efficiency Experts.

